

ABSTRACT

A long distance, low initial spin golf ball is disclosed. The golf ball includes a high moment of inertia core assembly, which may comprise a low specific gravity core and an optional intermediate layer. This sub-assembly is encased within a high specific gravity cover with Shore D hardness in the range of about 40 to about 80. The core is preferably made from a highly neutralized thermoplastic polymer with its specific gravity reduced, and the cover preferably has high specific gravity fillers dispersed therein. The cover is preferably made from thermoset polyurethane or polyurea.